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Search scope: USG USA EPA EPB WO JP; Claims, Title or Abstract

Years: 1836-2001

Text: coating and curable and ("oligomeric acrylate" or "monomeric acrylate" or "dimeric acrylate")

[no drawing available]



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JP04258607 A2
DI(METH)ACRYLATE, CURABLE (^) COMPOSITION AND CURED PRODUCT
 KURARAY CO LTD
Inventor(s):KUBO KEIJI ;MATSUMOTO MITSUO
Application No. 03041134 JP03041134 JP, **Filed** 19910212,

Abstract: PURPOSE: To obtain a curable (^) composition having excellent surface curability, low volume shrinkage in curing, and excellent adhesion and close adhesion by using a specified di(meth) acrylate as the monomer.

CONSTITUTION: A di(meth)acrylate of the formula (wherein R¹ is H or methyl; and (n) is the average number of ethylene oxide molecules added and is 0-8) is produced, for example, by subjecting perhydro-1,4;5,8-dimethanonaphthalene-2,3- dimethanol and a desired number of moles of ethylene oxide to an addition reaction and esterifying the product with (meth)acrylic acid. This compound as an essential component is mixed with a polymerizable oligomeric acrylate, (^) a polymerizable double bond-containing monomer compound (e.g. acrylamide), a polymerization initiator (e.g. benzoin), a photosensitizer (e.g. triethanolamine), etc., to produce a curable (^) composition. The obtained curable (^) composition can be desirably used in the production of coating (^) materials, laminates, etc.

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